

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch

690 Walnut Ave.St. 150

Vallejo, CA 94592-1133

(707) 649-5453

(707) 649-5493

Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-013039**Date Inspected:** 11-Apr-2010**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1900**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China

CWI Name:	Mr. Gong Liang Zhu/ Mr Zhao Chen Sun			CWI Present:	Yes	No
Inspected CWI report:	Yes	No	N/A	Rod Oven in Use:	Yes	No N/A
Electrode to specification:	Yes	No	N/A	Weld Procedures Followed:	Yes	No N/A
Qualified Welders:	Yes	No	N/A	Verified Joint Fit-up:	Yes	No N/A
Approved Drawings:	Yes	No	N/A	Approved WPS:	Yes	No N/A
				Delayed / Cancelled:	Yes	No N/A
Bridge No:	34-0006			Component:	Tower	

Summary of Items Observed:

On this date Caltrans OSM Quality Assurance(QA) Inspector, Baskar Govindarajan, was present during the times noted above for observations relative to the work being performed.

Heavy Dock Jetty

1.This QA inspector, Baskar Govindarajan, observed, ZPMC qualified welding personnel identified as 205649 perform FCAW welding on, Internal, exterior bearing stiffener on West tower, Skin D and Weld joint identified as WSD1-SA294 F/G-70. ZPMC CWI Identified as Mr. Gong Linag Zhu. The welding parameters as measured using QC's calibrated instruments appeared to be in general compliance with WPS-B-T-2333-TC-P4-F.(Photo attached)

2.This QA inspector, Baskar Govindarajan, observed, ZPMC qualified welding personnel identified as 040723 perform FCAW welding on, Shear plate to Base plate between South and West tower, and weld joint identified as WD1-A21A/B-53, 54. ZPMC CWI Identified as Mr. Zhao chen Sun. The welding parameters as measured using QC's calibrated instruments appeared to be in general compliance with WPS-B-T-2332-TC-P5-F.

3.This QA inspector, Baskar Govindarajan, observed, ZPMC qualified welding personnel identified as 040280 perform SMAW repair welding on, Shear plate support plate of North tower, BC corner and weld joint identified as NSD1-A112 A/H-1. ZPMC CWI Identified as Mr. Gong Liang Zhu. The welding parameters as measured using QC's calibrated instruments appeared to be in general compliance with WPS-345-SMAW-3G (3F)-Repair.

WELDING INSPECTION REPORT

(Continued Page 2 of 3)

4.This QA inspector, Baskar Govindarajan, observed, ZPMC qualified welding personnel identified as 040675 perform SMAW surface repair welding on, West tower Skin C Bearing stiffener and weld joint identified as WSD1-SA 294 F/G-70. ZPMC CWI Identified as Mr. Gong Liang Zhu. The welding parameters as measured using QC's calibrated instruments appeared to be in general compliance with WPS-345-SMAW-3G (3F)-Repair. (Photo attached)

5.This QA inspector, Baskar Govindarajan, observed, ZPMC qualified welding personnel identified as 203269 perform FCAW welding on, Internal, and exterior bearing stiffener on West tower, Skin E and Weld joint identified as WSD1-SA225 F/H-15. ZPMC CWI Identified as Mr. Zhao Chen Sun. The welding parameters as measured using QC's calibrated instruments appeared to be in general compliance with WPS-B-T-2333-TC-P4-F.

6.This QA inspector, Baskar Govindarajan, observed, ZPMC qualified welding personnel identified as 049541 perform FCAW welding on, Internal, and exterior bearing stiffener on West tower, Skin C and Weld joint identified as WSD1-SA294 F/G-17. ZPMC CWI Identified as Mr. Zhao Chen Sun. The welding parameters as measured using QC's calibrated instruments appeared to be in general compliance with WPS-B-T-2333-TC-P4-F.

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.



Summary of Conversations:

No relevant conversations.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Skyler Guest - 15000422360, who represents the Office of Structural Materials for your project.

Inspected By: Baskar, Govindarajan

Quality Assurance Inspector

WELDING INSPECTION REPORT

(Continued Page 3 of 3)

Reviewed By: Clifford, William

QA Reviewer